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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.		5000-1-410			
First Inventor		Jeong-Sik CHO et al.			
Title	Title WIDE-BAND DISPERSION				

(Only for new nonprovisional applica	tions under 37 CFR 1.53(b))	Express Ma	il Label No.	EV 326742	025 US		
APPLICATION E	LEMENTS	ADDRE	SS TO		ssioner for Patents		
See MPEP chapter 600 concerning uti		ADDRESS TO: Box Patent Application Washington, DC 20231					
1. X Fee Transmittal Form (e.g., (Submit an original and a duplicate for f.) 2. Applicant claims small entity See 37 CFR 1.27. 3. X Specification [7] - Descriptive title of the inverse form of the invers	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS						
Detailed DescriptionClaim(s)		لتنب	=	apers (cover shee	t & document(s)) Power of		
- Abstract of the Disclosure	•		37 CFR 3.73(t (when there is		X Attorney		
4. X Drawing(s) (35 U.S.C. 113)5. Oath or Declaration	[Total Sheets 8]	, I. I.	English Transi Information Di Statement (ID		if applicable) Copies of IDS Citations		
a. X Newly executed (original	nal or copy)						
	ication (37 CFR 1.63 (d)) onal with Box 18 completed)		14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. DELETION OF Signed statement atta named in the prior ap 1.63(d)(2) and 1.33(b 6. Application Data Sheet. Se	16.	Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.					
18. If a CONTINUING APPLICATION,		ipply the requisite	information be	elow and in a preli	minary amendment,		
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:/							
X Customer Number or Bar Code Label	33942		or	Correspondenc	e address below		
	(Insert Customer No. or Attach	bar code label here)					
Name							
Address							
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Country	7	elephone		Fax			
Name (Print/Type) Steve S	S. Cha	Registrat	tion No. (Atto	orney/Agent) 44	,069		

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08/05/03

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FEE	TR	AN	SM	IIT'	TAL
1	for	FY	20	03	

(\$) 790.00

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known				
Application Number	Not yet assigned			
Filing Date	August 5, 2003			
First Named Inventor	Jeong-Sik CHO et al.			
Examiner Name	Not yet assigned			
Art Unit	Not yet assigned			
Attorney Docket No.	5000-1-410			

METH	OD OF PAY	MENT (check all tha	t apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None			3. ADDITIONAL FEES						
Deposit Account:			Large i	Large Entity Small Entity					
Deposit Account	502-470			Fee Code		Fee Code	Fee (\$)	Fee Description	Fee Paid
Number				1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account	CHA & RI	EITER		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name The Commissi	ioner is author	ized to: (check all that a	on(v)	1053	130	1053	130	Non-English specification	
	(s) indicated bel	· ·	overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
<u> </u>	• •	s) during the pendency of		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
L	(s) indicated bel entified deposit	low, except for the filing	ı fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
		ALCULATION		1251	110	2251	55	Extension for reply within first month	
4 54010 51		ALCULATION		1252	410	2252	205	Extension for reply within second month	
1. BASIC FI Large Entity	mall Entity			1253	930	2253	465	Extension for reply within third month	
	Fee Fee Code (\$)	Fee Description	Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month	
, ,	2001 375	Utility filing fee	750.00	1255	1,970	2255	985	Extension for reply within fifth month	
1002 330	2002 165	Design filing fee	750.00	1401	320	2401	160	Notice of Appeal	
1003 520	2003 260	Plant filing fee		1402	320	2402	160	Filing a brief in support of an appeal	
1004 750	2004 375	Reissue filing fee		1403	280	2403	140	Request for oral hearing	
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750.00			1452	110	2452	55	Petition to revive - unavoidable		
O EVERA				1453	1,300	2453	650	Petition to revive - unintentional	
Z. EXTRA C	LAIN PEES	FOR UTILITY AN	om	1501	1,300	2501	650	Utility issue fee (or reissue)	
T-1 101-1-	[40]	Extra Claims below	Fee Paid	1502	470	2502	235	Design issue fee	
Total Claims 19 -20** = X			1503	630	2503	315	Plant issue fee		
Claims	3 - 3**	*=	╡╬═══╣	1460	130	1460	130	Petitions to the Commissioner	
Multiple Deper		L	اـــــــــــــــــــــــــــــــــــــ	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	
Large Entity Fee Fee	Small Entity Fee Fee	Fee Description		1806	180	1806		Submission of Information Disclosure Stmt	
Code (\$)	Code (\$)		,	8021	40	802	40	Recording each patent assignment per property (times number of properties)	40.00
1202 18 1201 84	2202 9 2201 42			1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 280	2203 140	• •		1810	750	2810	375	For each additional invention to be	
1204 84	2204 42	** Reissue independer over original patent	nt claims	1801	750	2801	375	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)	
1205 18	2205 9	** Reissue claims in e		1802	900	1802	900	• • • • • • • • • • • • • • • • • • • •	
and over original patent			Other	fee (sp	eciful		or a design application		
SUBTOTAL (2) (\$) 0.00						Filina F	ee Paid SURTOTAL (3) (\$) 40.00	===	
**or number previously paid, if greater; For Reissues, see above						_00101	91	SUBTOTAL (3) (\$) 40.00)

SUBMITTED BY

Name (Print/Type)

Steve S. Cha

Real Stration No. (Attorney/Agent)

Signature

(Complete (if applicable)

Telephone 201-518-5518

Date

8/3/a)

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.